

Title (en)

ENHANCED ZEIN REDUCTION IN TRANSGENIC CORN SEED

Title (de)

VERBESSERTE REDUKTION VON ZEIN IN TRANSGENEM MAISSAATGUT

Title (fr)

REDUCTION ACCRUE DE ZEINE DANS DES GRAINES DE MAIS TRANSGENIQUE

Publication

EP 1799833 A4 20080702 (EN)

Application

EP 05804206 A 20050811

Priority

- US 2005028615 W 20050811
- US 60085904 P 20040811
- US 5706205 A 20050210

Abstract (en)

[origin: US2005176670A1] Anti-sense-oriented RNA gene suppression agents in the form of a loop of anti-sense-oriented RNA is produced in cells of transgenic organisms, e.g. plants, by transcription from a recombinant DNA construct which comprises in 5' to 3' order a promoter element operably linked to an anti-sense-oriented DNA element and a complementary DNA element.

IPC 8 full level

A61K 48/00 (2006.01); **C07H 21/02** (2006.01); **C12N 9/06** (2006.01); **C12N 15/09** (2006.01); **C12N 15/11** (2006.01); **C12N 15/63** (2006.01); **C12N 15/66** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP US)

C07H 21/02 (2013.01 - EP US); **C12N 9/0028** (2013.01 - EP US); **C12N 15/111** (2013.01 - EP US); **C12N 15/113** (2013.01 - US); **C12N 15/8218** (2013.01 - EP US); **C12N 15/8251** (2013.01 - EP US); **C12N 15/8254** (2013.01 - EP US); **A61K 48/00** (2013.01 - US); **C12N 2310/11** (2013.01 - US); **C12N 2310/111** (2013.01 - EP US); **C12N 2310/14** (2013.01 - EP US); **C12N 2310/53** (2013.01 - EP US); **C12N 2330/30** (2013.01 - EP US)

Citation (search report)

- [X] WO 03077643 A2 20030925 - BASF PLANT SCIENCE GMBH [DE], et al
- [XY] WO 03078629 A1 20030925 - BASF PLANT SCIENCE GMBH [DE], et al
- [Y] WO 9826064 A2 19980618 - DEKALB GENETICS CORP [US]
- [E] WO 2005077116 A2 20050825 - MOSANTO TECHNOLOGY LLC [US]
- See references of WO 2007024207A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

US 2005176670 A1 20050811; **US 7855323 B2 20101221**; AR 050294 A1 20061011; BR PI0514213 A 20080603; CA 2583501 A1 20070301; EP 1799833 A1 20070627; EP 1799833 A4 20080702; US 2011126321 A1 20110526; US 2015191728 A1 20150709; US 9006414 B2 20150414; US 9976139 B2 20180522; WO 2007024207 A1 20070301; WO 2007024207 A8 20070830; WO 2007024207 A8 20080925

DOCDB simple family (application)

US 5706205 A 20050210; AR P050103386 A 20050812; BR PI0514213 A 20050811; CA 2583501 A 20050811; EP 05804206 A 20050811; US 2005028615 W 20050811; US 201514664659 A 20150320; US 97382110 A 20101220